

The Christian Messenger.

HALIFAX, N. S., JUNE 17, 1874. ALMANAC FOR JUNE

List Quarter, June 7th, 9h. 4m morning. New Moon, " 14th, 2h. 38m. morning. First Quarter, " 21st, 3h. 47m. afternoon. Full Moon, " 29th, 2h. 34m. morning.

Table with columns for Day, SUN, MOON, High Tide, and Low Tide. Rows list days from 1st to 30th with corresponding times and tide heights.

THE TIDES.—The column of the Moon's Position gives the time of high water at Parrsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and Truro.

High water at Pictou and Cape Tormentine, 2 hours and 11 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 25 minutes later, and at St. John's, Newfoundland, 30 minutes earlier, than at Halifax.

FOR THE LENGTH OF THE DAY.—Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT.—Subtract the time of the sun's setting from 12 hours, and to the remainder add the time of rising next morning.

MRS. AINSLEY'S Arthanodyne Liniment.

This magical pain curer having been in use among private friends for a number of years is now offered to the public as a superlative remedy for RHEUMATIC PAINS, TOOTH ACHE, NEURALGIA, SPRAINS, &c.

Lunenburg, August 20th, 1873. Mrs. AINSLEY, DEAR MADAM,—

Having found the efficacy of your very invaluable Liniment in the case of sore throat, which by two applications I was entirely relieved, I was induced to apply it to the parts affected by a severe attack of Lumbago.

These comparisons sufficiently explain the great and well known value of clover as a preparatory crop for wheat and for all other crops which are not manured with nitrogen, potash and phosphates.

DR. R. R. CUNNINGHAM, DENTIST, 40 GERMAIN ST., ST. JOHN, N.B.

Dentistry in all its branches. Artificial teeth mounted on fine Gold Plates. I keep a large assortment of teeth from the best manufacturers, in every variety of style.

Persons from Nova Scotia visiting St. John, can have artificial dentures supplied with less detention than at any other office.

DR. R. R. CUNNINGHAM, 40 GERMAIN ST., St. John, N. B.

March 12.

OUIFITS FREE.

Employment at your homes or travelling. The work is congenial, honorable, and pays the best of anything ever before offered.

Wholesale and Retail. Our prices are as low as any in the city.

Hats and Caps.

WE have now on hand a full stock of all kinds, including the NEWEST STYLE, to which we invite the attention of our friends, both at Wholesale and Retail.

Our prices are as low as any in the city. Silk Hats made to order by Confectioners Measure, without extra charge.

EVERETT BROTHERS, 100 Granville St., May 3.

Agricultural.

WHAT CROPS LEAVE IN THE SOIL.—It is well understood that a root crop is an excellent preparation for land about to be laid down to grass, but it is a very exhaustive crop whether that latter be potatoes or turnips or carrots.

The following article gives some important information upon the value as a fertilizer of the roots of clover and the different grain crops, and is worth a careful perusal.

STUBBLE AND ROOTS REMAINING AFTER HARVEST.

Table with columns for Crop, Total Dry Substance, Organic Matter, Ash, Nitrogen, Potash, and Phosphoric Acid. Rows list crops like Lucerne, Red Clover, etc.

These figures, relating to a single experiment, are, of course, of only general value; at the same time they are, in a general way, very useful.

Whether (as is unknown) the nitrogen of the clover comes wholly or partly from the soil or from the air, it is certainly taken from a condition in which it is of little use to most crops, and is converted to an available one; so that, practically the clover is a creator of nitrogen in the soil, as it is an efficient purveyor of its latent supplies of potash and phosphoric acid.

Root crops were not included in the examination, but it is well known that they leave in the soil only a few fibrous roots, which can add but little to its fertility; and experience teaches that of all our crops, roots (unless fed off upon the land) are the most exhausting.

Trade increases the wealth and glory of a country; but its real strength and stamina are to be looked for among the cultivators of the land.—Lord Chatham.

Scientific.

GROWTH OF CORN.—It is about seventy days (from the time when these lines were written, August 5.) since we planted the kernels of corn from which have sprung the enormous growth of stalks, leaves, and flowers in yonder corn field.

During the warm days and nights, while we have been attending to business and sleeping, the silent, unseen forces of nature have been ceaselessly at work in our corn-fields, and from earth and air have been elaborated this immense product of vegetable matter.

The farmer has much of his motive power and most of his manufacturing skill gratis. He arouses the slumbering forces of nature by dropping the seed into the earth, and then increase and construction go forward independently gratuitously.

Medicinal use of nettles.—Dr. Nicholl says that the greatest preventive of yellow fever in Bermuda is dried nettle, powdered and used as a condiment in all cooking.

To improve the appearance of furniture.—Take a soft sponge, wet with clean cold water, and wash over the article.

A composition for covering house roofs.—Take one measure of fine sand, two of sifted wood ashes, and three of lime, ground up with oil.

Account him thy real friend who desires thy good, rather than thy good will.

HOW TO MEASURE THE LENGTH OF A TREE.—Take a forked stick; measure the length so that it will come up to your eyes; then measure the length of the timber wanted—say forty feet in a line out from the tree and allow for the stump; then set up your stake, lay down on your back with your heels at the stake; look through the stake, and the place where the eye strikes the tree will be the length of the timber.

PRESERVING WOODEN TAPS FOR CASKS.—The articles should be plunged in paraffin to about 248° Fah, until no air bubbles rise to the surface of the melted material.

A NEW APPLICATION OF GYPSUM.—Gypsum mixed with four per cent of powdered marshmallow root will harden in about one hour, and can then be sawn or turned, and made into articles of ornament or use.

Arrow heads made of Chalcedony, Jasper and flint are found in Japan identical with those found in this country.

Corn meal, heated and placed in bags, is recommended as a substitute for hot water bottles and such like appliances for restoring warmth to the sick.

Gum and paste are apt to become hard, and labels, etc., fall off after a time. A few drops of glycerine will prevent this.

Agents for the Christian Messenger.

- Amherst—W. F. Cutten, Esq. Antigonish—T. M. King, Esq. Aylesford—Rev. Dr. Lyman A. Wheelock, Esq. ... [List continues with many names and locations]

OLIVE, RANKIN & CO., Commission Merchants, Auctioneers, REAL ESTATE, Receiving and forwarding Agents.

GOODS of every description forwarded to all parts of the world. Consignments of vessels and merchandize promptly attended to.

JAMES OLIVE, ALONSO RANKIN, } No. 2 BROWN STREET, REFERENCES BY PERMISSION: A. C. ROBBINS, Esq., President of Exchange Bank, 3m.

BAPTIST CHURCH REQUISITES.

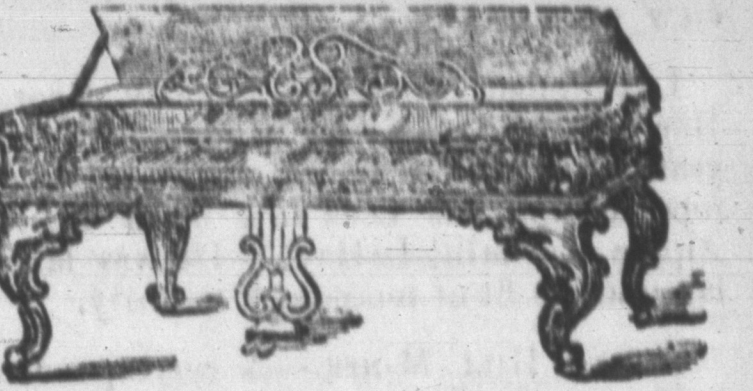
Articles and Covenant \$1.00 per 100. Church Record and Register \$2.50 each. Alphabetical List of Members 40 cts. each.

CARPETS.

Rich Drawing and Dining Room Brussels, TAPESTRIES in every style, from the best makers. NEW DESIGNS IN THREE PLIES, stout Scotch, and Kidderminster.

CHEAP UNIONS AND DRUGGETS, STAIR CARPETS, RUGS, MATS, HATS, SOCKS &c. FANCY AND PLAIN REPPES AND DAMASKS, A SPLENDID ASSORTMENT OF RICH LACE CURTAINS.

WHY spend you money in procuring Foreign preparations when you can so easily procure better articles, of home manufacture and at less price?



Superior Pianos, IN VARIOUS STYLES.

UPRIGHT, OBLIQUE, SQUARE, &c. With all the latest improvements, manufactured by the subscribers, and especially adapted to this climate.

H. G. LAURILLIARD, TAILOR, GENTLEMEN'S DRESS MATERIALS, AND Furnishing Goods constantly on hand.

Agent for the NEW YORK FASHION PLATES 331 HOLLY STREET, HALIFAX, N. S. May 17.

MUSICAL. C. E. & G. O. GATES

Manufacturer of ORGANS AND PIANOS. GENERAL Agents for the Smith American Organ Company, and Henry F. Miller's Pianos.

THE CHRISTIAN MESSENGER

Is published every WEDNESDAY. Terms—Two DOLLARS a year, when paid in advance; if payment is delayed over three months \$2.25 when over six months \$2.50.

ADVERTISING at usual rates. STEPHEN SELDEN, Proprietor. OFFICE No. 71 GRANVILLE STREET, HALIFAX, N. S.

PRINTING of Books, Pamphlets, Cards, Handbills, Blank forms, &c., on reasonable terms.

Magistrates Blanks always on hand.

THE YOUNG friends of England that the frankly yield the which as we all know... [Vertical text on the right edge of the page]